

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(424242) **Hex(575757)** **Hex(212121)** **Hex(003261)** **Hex(0074E0)**

Hex(424242)		Ratio: 1.39 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(575757)	Ratio: 1.39 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(212121)	Ratio: 1.60 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(003261)	Ratio: 1.28 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(0074E0)	Ratio: 2.19 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 2.81 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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